

ı	1.	A system for automating data transactions between computer servers; said
2		system comprising:
3		a first computer server maintaining a database having stored data
4		recorded therein;
5		program code residing on said first computer server for creating
6		extracted data by selectively extracting said stored data responsive to a
7		request; and
8		additional program code residing on said first computer server for
9		obtaining a blank form, and for parsing said blank form to identify
10		which of said extracted data should be used to fill in at least a part of
11		said blank form.
1	2.	The system of claim 1 wherein said extracted data includes data for all fields
2		in said blank form.
1	3.	The system of claim 1 wherein said blank form is obtained from a second
2		computer server.
1	4.	The system of claim 1 wherein said blank form is filled in using a fuzzy fill
2		procedure.
1	5.	The system of claim 1 wherein said blank form is a login form.
2	6.	The system of claim 1 wherein said additional program code includes
3		instructions for creating a filled form using said extracted data to fill in said
4		blank form.

5	7.	The system of claim 6 wherein said additional program code further includes
6		instructions for submitting said filled form to a second computer server
7	8.	The system of claim 1 further comprising:
8		an additional database maintained at said first computer server; said
9		additional database having stored form data recorded therein; said
10		stored form data relating to forms required by at least one other
11		computer server.
12	9.	The system of claim 8 wherein said additional program code includes
13		instructions for comparing data fields in said blank form with said stored form
14		data recorded in said additional database.
1	10.	The system of claim 8 wherein said stored form data includes parsed form
2		data from said at least one other computer server.
3	11.	The system of claim 9 further comprising:
4		form filling program instructions residing on said first computer
5		server, using a result of said comparing data fields in said blank form
6		with said stored form data, for creating a filled form by filling in said
7		blank form using a fuzzy fill procedure.
8	12.	The system of claim 11 further comprising:
9		form submitting program instructions residing on said first computer
10		server, using a result of said form filling program instructions, for
11		automatically submitting said filled form to a second computer server.

1	13.	A method of automating data transactions between computer servers; said
2		method comprising:
3		maintaining a database having stored data recorded therein at a first
4		computer server;
5		selectively extracting said stored data responsive to a request;
6		obtaining a blank form; and
7		parsing said blank form to identify which of said stored data should be
8		used to fill in at least a part of said blank form.
1	14.	The method of claim 13 wherein said selectively extracting includes
2		extracting data for all fields in said blank form.
3	15.	The method of claim 13 wherein said obtaining a blank form includes
4		receiving form data from a second computer server.
5	16.	The method of claim 13 wherein said obtaining a blank form includes
6		receiving login form data from a second computer server.
7	17.	The method of claim 13 further comprising:
8		filling in said blank form using a fuzzy fill procedure.
9	18.	The method of claim 17 further comprising:
10		automatically submitting the result of said filling to a second computer
11		server.
12	19.	The method of claim 13 further comprising:

13		maintaining an additional database at said first computer server; said
14		additional database having stored form data recorded therein; said
15		stored form data relating to forms required by at least one other
16		computer server.
17	20.	The method of claim 19 wherein said parsing includes comparing data fields
18		in said blank form with said stored form data recorded in said additional
19		database.
1	21.	The method of claim 19 wherein said maintaining an additional database
2		includes parsing form data from said at least one other computer server.
3	22.	The method of claim 20 further comprising:
4		as a result of said parsing, filling in said blank form using a fuzzy fill
5		procedure.
6	23.	The method of claim 19 further comprising:
7		automatically submitting the result of said filling to a second computer
8		server.
9	24.	A method of automating login transactions; said method comprising:
10		maintaining a database having stored data recorded therein at a first
11		computer server;
12		selectively extracting said stored data responsive to a request;
13		obtaining a blank login form;

14		parsing said blank login form to identify which of said stored data
15		should be used to fill in at least a part of said blank login form;
16		filling in said blank login form using said stored data; and
17		employing program code residing on said first computer server for
18		automatically submitting the result of said filling to a second computer
19		server.
1	25.	The method of claim 24 wherein said selectively extracting includes
2		extracting data for all fields in said blank login form.
3	26.	The method of claim 24 wherein said obtaining a blank login form includes
4		receiving form data from said second computer server.
5	27.	The method of claim 24 wherein said filling in said blank login form includes
6		using a fuzzy fill procedure.
7	28.	The method of claim 24 further comprising:
8		maintaining an additional database at said first computer server; said
9		additional database having stored form data recorded therein; said
10		stored form data relating to login forms required by at least one other
11		computer server.
12	29.	The method of claim 28 wherein said parsing includes comparing data fields
13	•	in said blank login form with said stored form data recorded in said additional
14		database.

1 30. The method of claim 28 wherein said maintaining an additional database 2 includes parsing login form data from said at least one other computer server.